

## CLAIMS

- 1/ Receiver equipment provided to receive a digital packet (B) that has been subjected to transmission coding selected from a plurality of available codes, the equipment including decoding means (MD) for decoding said packet (B) as appropriate for said transmission coding, the equipment being characterized in that, for said transmission coding belonging to a small set of possible codes, it comprises for each of said possible codes a decoder (DEC1, DEC2, DEC3) receiving a portion of said packet to determine an associated decoding reliability, and it further comprises means (COMP) for identifying said decoding means (MD) as the means corresponding to the decoder that has produced the best reliability.
- 2/ Transmitter equipment for transmitting a string of coded messages by means of packets, the last message (W) of said string being subjected to identified coding from a set of available codes and different from the coding applied to the first message of the string, said packets comprising firstly a payload section (U) for receiving data and secondly guard bits, said equipment having means (CC) for arranging each of said coded messages (MC) within the entire payload section (U) of the corresponding packet, and being characterized in that the coding applied to said last message belongs to a small set of possible codes.
- 3/ Equipment according to claim 1 or 2, characterized in that the first packet of a transmission is subjected to a predetermined available code.
- 4/ Equipment according to claim 3, characterized in that said possible codes are the available code (Pr+1) following the code of the preceding packet (Pr), the available code (Pr) which is identical thereto, and the available code (Pr-1) which precedes it.

0970130.02001

5/ Equipment according to any preceding claim,  
characterized in that said possible codes are  
convolutional codes each having a distinct code scheme.

5

6/ Equipment according to claim 5, characterized in that  
said code schemes differ in code rate.

7/ Equipment according to claim 6, characterized in that,  
on reception, said possible codes being three in number,  
said decoding means (MD) are identified by means of two  
code rates.

10

T05020" 0E70260